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NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	OCT 02	CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS 3	OCT 19	BEILSTEIN updated with new compounds
NEWS 4	NOV 15	Derwent Indian patent publication number format enhanced
NEWS 5	NOV 19	WPIX enhanced with XML display format
NEWS 6	NOV 30	ICSD reloaded with enhancements
NEWS 7	DEC 04	LINPADOCDB now available on STN
NEWS 8	DEC 14	BEILSTEIN pricing structure to change
NEWS 9	DEC 17	USPATOLD added to additional database clusters
NEWS 10	DEC 17	IMSDRUGCONF removed from database clusters and STN
NEWS 11	DEC 17	DGENE now includes more than 10 million sequences
NEWS 12	DEC 17	TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS 13	DEC 17	MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS 14	DEC 17	CA/CAplus enhanced with new custom IPC display formats
NEWS 15	DEC 17	STN Viewer enhanced with full-text patent content from USPATOLD
NEWS 16	JAN 02	STN pricing information for 2008 now available
NEWS 17	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS 18	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS 19	JAN 28	MARPAT searching enhanced
NEWS 20	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS 21	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS 22	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS 23	FEB 08	STN Express, Version 8.3, now available
NEWS 24	FEB 20	PCI now available as a replacement to DPCI
NEWS 25	FEB 25	IFIREF reloaded with enhancements
NEWS 26	FEB 25	IMSPRODUCT reloaded with enhancements

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 15:20:57 ON 25 FEB 2008

=> fil reg
FILE 'REGISTRY' ENTERED AT 15:21:17 ON 25 FEB 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 24 FEB 2008 HIGHEST RN 1005323-41-0
DICTIONARY FILE UPDATES: 24 FEB 2008 HIGHEST RN 1005323-41-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

*** YOU HAVE NEW MAIL ***
'.REGISTRY' IS DEFAULT FORMAT FOR 'REGISTRY' FILE

=> s l-lactic acid/cn
L1   2 L-LACTIC ACID/CN

=> d ide

L1   ANSWER 1 OF 2 REGISTRY COPYRIGHT 2008 ACS on STN
RN   10326-41-7 REGISTRY
ED   Entered STN: 16 Nov 1984
CN   Propanoic acid, 2-hydroxy-, (2R)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Lactic acid, D- (8CI)
CN   Propanoic acid, 2-hydroxy-, (R)-
OTHER NAMES:
CN   (-)-Lactic acid
CN   (2R)-2-Hydroxypropanoic acid
CN   (R)-(-)-Lactic acid
CN   (R)-α-Hydroxypropionic acid
CN   (R)-2-Hydroxypropanoic acid
CN   (R)-2-Hydroxypropionic acid
CN   (R)-Lactic acid
CN   D-(-)-Lactic acid

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CN D-Lactic acid
CN l-Lactic acid
FS STEREOSEARCH
MF C3 H6 O3
CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DETHERM*, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, TOXCENTER, ULIDAT, USPAT2, USPATFULL, USPATOLD
(*File contains numerically searchable property data)
Other Sources: EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1725 REFERENCES IN FILE CA (1907 TO DATE)
33 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1725 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d prop

L1 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2008 ACS on STN

Experimental Properties (EPROP)

PROPERTY (CODE)	VALUE	CONDITION	NOTE
Melting Point (MP)	52.8 deg C		(1) SRC
Optical Rotatory Power (ORP)	-3.9 deg	Wavlen: 589.3 nm	(2) CAS

(1) "PhysProp" data were obtained from Syracuse Research Corporation of Syracuse, New York (US)
(2) Santelli, Maurice; Comptes Rendus Chimie 2005 V8(5) P923-930 CAPLUS

Experimental Property Tags (ETAG)

PROPERTY	NOTE
Circular Dichroism Spectra	(1) CAS
LD50	(2) CAS
Raman Spectra	(3) CAS

(1) Andersson, Lars; Carbohydrate Research 2003 V338(1) P85-93 CAPLUS
(2) Schwarz, Michael; Phytochemistry (Elsevier) 2004 V65(15) P2239-2245 CAPLUS
(3) Pecul, Magdalena; Journal of Physical Chemistry A 2002 V106(46)

P11008-11016 CAPLUS

Predicted Properties (PPROP)

PROPERTY (CODE)	VALUE	CONDITION	NOTE
Bioconc. Factor (BCF)	1.0	pH 1 25 deg C	(1)
Bioconc. Factor (BCF)	1.0	pH 2 25 deg C	(1)
Bioconc. Factor (BCF)	1.0	pH 3 25 deg C	(1)
Bioconc. Factor (BCF)	1.0	pH 4 25 deg C	(1)
Bioconc. Factor (BCF)	1.0	pH 5 25 deg C	(1)
Bioconc. Factor (BCF)	1.0	pH 6 25 deg C	(1)
Bioconc. Factor (BCF)	1.0	pH 7 25 deg C	(1)
Bioconc. Factor (BCF)	1.0	pH 8 25 deg C	(1)
Bioconc. Factor (BCF)	1.0	pH 9 25 deg C	(1)
Bioconc. Factor (BCF)	1.0	pH 10 25 deg C	(1)
Boiling Point (BP)	227.6+/-0.0 deg C	760 Torr	(1)
Density (DEN)	1.276+/-0.06 g/cm**3	20 deg C 760 Torr	(1)
Enthalpy of Vap. (HVAP)	53.96+/-6.0 kJ/mol	760 Torr	(1)
Flash Point (FP)	109.9+/-16.3 deg C		(1)
Freely Rotatable Bonds (FRB)	2		(1)
H acceptors (HAC)	3		(1)
H donors (HD)	2		(1)
Hydrogen Donors/Acceptors Sum (HDAS)	5		(1)
Koc (KOC)	9.92	pH 1 25 deg C	(1)
Koc (KOC)	9.81	pH 2 25 deg C	(1)
Koc (KOC)	8.83	pH 3 25 deg C	(1)
Koc (KOC)	4.43	pH 4 25 deg C	(1)
Koc (KOC)	1.0	pH 5 25 deg C	(1)
Koc (KOC)	1.0	pH 6 25 deg C	(1)
Koc (KOC)	1.0	pH 7 25 deg C	(1)
Koc (KOC)	1.0	pH 8 25 deg C	(1)
Koc (KOC)	1.0	pH 9 25 deg C	(1)
Koc (KOC)	1.0	pH 10 25 deg C	(1)
LOGD (LOGD)	-0.70	pH 1 25 deg C	(1)
LOGD (LOGD)	-0.70	pH 2 25 deg C	(1)
LOGD (LOGD)	-0.75	pH 3 25 deg C	(1)
LOGD (LOGD)	-1.05	pH 4 25 deg C	(1)
LOGD (LOGD)	-1.83	pH 5 25 deg C	(1)
LOGD (LOGD)	-2.79	pH 6 25 deg C	(1)
LOGD (LOGD)	-3.71	pH 7 25 deg C	(1)
LOGD (LOGD)	-4.29	pH 8 25 deg C	(1)
LOGD (LOGD)	-4.43	pH 9 25 deg C	(1)
LOGD (LOGD)	-4.45	pH 10 25 deg C	(1)
LOGP (LOGP)	-0.698+/-0.272	25 deg C	(1)
Mass Intrinsic Solubility (ISLB.MASS)	999.9 g/L	25 deg C	(1)
Mass Solubility (SLB.MASS)	999.9 g/L	pH 1 25 deg C	(1)
Mass Solubility (SLB.MASS)	999.9 g/L	pH 2 25 deg C	(1)
Mass Solubility (SLB.MASS)	999.9 g/L	pH 3 25 deg C	(1)
Mass Solubility (SLB.MASS)	999.9 g/L	pH 4 25 deg C	(1)
Mass Solubility (SLB.MASS)	999.9 g/L	pH 5 25 deg C	(1)
Mass Solubility (SLB.MASS)	999.9 g/L	pH 6 25 deg C	(1)
Mass Solubility (SLB.MASS)	999.9 g/L	pH 7 25 deg C	(1)
Mass Solubility (SLB.MASS)	999.9 g/L	pH 8 25 deg C	(1)
Mass Solubility (SLB.MASS)	999.9 g/L	pH 9 25 deg C	(1)
Mass Solubility (SLB.MASS)	999.9 g/L	pH 10 25 deg C	(1)

Mass Solubility (SLB.MASS)	999.9 g/L	Unbuffered Water pH 1.43 25 deg C	(1)
Molar Intrinsic Solubility (ISLB.MOL)	11.10 mol/L	25 deg C	(1)
Molar Solubility (SLB.MOL)	11.10 mol/L	pH 1 25 deg C	(1)
Molar Solubility (SLB.MOL)	11.10 mol/L	pH 2 25 deg C	(1)
Molar Solubility (SLB.MOL)	11.10 mol/L	pH 3 25 deg C	(1)
Molar Solubility (SLB.MOL)	11.10 mol/L	pH 4 25 deg C	(1)
Molar Solubility (SLB.MOL)	11.10 mol/L	pH 5 25 deg C	(1)
Molar Solubility (SLB.MOL)	11.10 mol/L	pH 6 25 deg C	(1)
Molar Solubility (SLB.MOL)	11.10 mol/L	pH 7 25 deg C	(1)
Molar Solubility (SLB.MOL)	11.10 mol/L	pH 8 25 deg C	(1)
Molar Solubility (SLB.MOL)	11.10 mol/L	pH 9 25 deg C	(1)
Molar Solubility (SLB.MOL)	11.10 mol/L	pH 10 25 deg C	(1)
Molar Solubility (SLB.MOL)	11.10 mol/L	Unbuffered Water pH 1.43 25 deg C	(1)
Molar Volume (MVOL)	70.5+/-3.0 cm**3/mol	20 deg C 760 Torr	(1)
Molecular Weight (MW)	90.08		(1)
PKA (PKA)	3.90+/-0.11	Most Acidic 25 deg C	(1)
Polar Surface Area (PSA)	57.53 A**2		(1)
Vapor Pressure (VP)	1.50E-02 Torr	25 deg C	(1)

This substance may exist in multiple tautomeric forms. The predicted property values in this table are calculated based upon the displayed form and may therefore differ from experimental values based on the actual tautomeric ratio at equilibrium.

(1) Calculated using Advanced Chemistry Development (ACD/Labs) Software V8.14 ((C) 1994-2008 ACD/Labs)

See HELP PROPERTIES for information about property data sources in REGISTRY.

=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	11.03	11.24

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 15:23:17 ON 25 FEB 2008